**Place Your Bets** C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0222021.wmf

* The NEUTRAL theory denies the role of natural selection in determining the course of adaptive evolution \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The NEUTRAL theory is compatible with Darwin’s theory of evolution \_\_\_\_\_\_\_\_\_\_\_\_
* The PUNCTUATED equilibrium doesn’t deny the role of natural selection in determining the course of adaptive evolution \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Match the following ideas and people to the corresponding theory**

|  |  |  |  |
| --- | --- | --- | --- |
| Gould | Kimura | Random drift | Niles Eldredge |
| Long periods of evolutionary stability | Role of genetic drift | Punctuated | Rare examples of branching evolution |
| **The neutral theory** | | **The punctuated equilibrium** | |
|  | |  | |